

Supplemental Table S2. Change in gene expression level after aerobic treatment

gene ID	Product name	Accession no.	Normalized expression ratio (Aerobic/Anaerobic)
Increased (>2.0)			
I592_02660	hypothetical protein	WP_010779726.1	41.8150
I592_03589	glyoxalase	WP_010779221.1	32.7917
I592_01649	dihydrolipoyl dehydrogenase	WP_010780694.1	29.5521
I592_01868	alpha-acetolactate decarboxylase	WP_010780494.1	29.1150
I592_01651	pyruvate dehydrogenase E1 component subunit beta	WP_010780692.1	28.9925
I592_01650	dihydrolipoamide acetyltransferase	WP_010780693.1	28.3073
I592_01869	acetolactate synthase%2C catabolic	WP_010780493.1	27.9522
I592_01652	pyruvate dehydrogenase (acetyl-transferring) E1 component%2C alpha subunit	WP_010780691.1	26.6265
I592_03691	small integral membrane protein	WP_010779119.1	20.9280
I592_02659	hypothetical protein	WP_010779727.1	20.6875
I592_02674	succinate-semialdehyde dehydrogenase	WP_010779712.1	20.6818
I592_01181	extracellular solute-binding protein	WP_010781156.1	18.2859
I592_01182	amino acid ABC transporter permease	WP_010781155.1	17.5159
I592_01161	hypothetical protein	WP_010781174.1	16.4262
I592_03692	hypothetical protein	WP_010779118.1	16.3506
I592_03874	hypothetical protein	WP_010778936.1	15.5215
I592_00396	hypothetical protein	WP_010781910.1	15.0225
I592_03690	general stress protein	WP_010779120.1	14.9204
I592_03689	general stress protein GlsB	WP_010779121.1	14.3660
I592_00342	hypothetical protein	WP_010781964.1	13.9505
I592_03309	efflux ABC transporter permease	WP_010778589.1	13.7226
I592_03310	ABC transporter ATP-binding protein	WP_010778588.1	13.6607
I592_01836	hypothetical protein	WP_010780526.1	13.5560
I592_00667	hypothetical protein	WP_010781647.1	13.5309
I592_00853	hypothetical protein	WP_010781469.1	13.2908
I592_00161	hypothetical protein	WP_010782129.1	12.9196
I592_01264	hypothetical protein	WP_010781074.1	12.8564
I592_02701	Pfpl family intracellular protease	WP_010779685.1	12.8556
I592_03283	hypothetical protein	WP_010778615.1	11.7111
I592_03537	spx/MgsR family transcriptional regulator	WP_010779273.1	11.6186
I592_03873	hypothetical protein	WP_010778937.1	11.4458
I592_00318	glycine betaine/carnitine/choline ABC transporter	WP_010781984.1	11.3388
I592_00317	ABC transporter permease	WP_010781985.1	11.3222
I592_03037	hypothetical protein	WP_010779380.1	11.2421
I592_02545	hypothetical protein	WP_010779841.1	11.0561
I592_01479	hypothetical protein	WP_010780861.1	10.9910
I592_02558	oxidoreductase%2C zinc-binding	WP_010779828.1	10.9902
I592_00429	UIT9 transporter	WP_010781877.1	10.9747
I592_03038	peptide methionine sulfoxide reductase msrA	WP_010779379.1	10.1282
I592_00319	glycine betaine/carnitine/choline ABC transporter permease	WP_010781983.1	10.0448
I592_00084	hypothetical protein	WP_010782206.1	10.0200
I592_00039	malate dehydrogenase (oxaloacetate-decarboxylating)	WP_010782251.1	10.0123
I592_02544	hypothetical protein	WP_010779842.1	9.9649
I592_01611	hypothetical protein	WP_010780732.1	9.9231
I592_00320	glycine betaine/L-proline transport ATP binding subunit	WP_010781982.1	9.8884
I592_00555	hypothetical protein	WP_010781751.1	9.8335
I592_00430	N-acyl-D-amino-acid deacylase	WP_010781876.1	9.8129
I592_01790	hypothetical protein	WP_010780571.1	9.8117
I592_02546	general stress protein	WP_010779840.1	9.7662
I592_01613	glycine betaine/carnitine/choline ABC transporter	WP_010780730.1	9.6640
I592_03538	hypothetical protein	WP_010779272.1	9.5744
I592_01502	pyridine nucleotide-disulfide family oxidoreductase	WP_010780839.1	9.5699
I592_00983	peroxiredoxin%2C Ohr subfamily	WP_010781341.1	9.4942
I592_00166	hypothetical protein	WP_010782124.1	9.4200
I592_03875	hypothetical protein	WP_010778935.1	9.2742
I592_01612	hypothetical protein	WP_010780731.1	9.1298
I592_01535	NADH oxidase	WP_010780808.1	9.0604
I592_01501	1%2C4-dihydroxy-2-naphthoate octaprenyltransferase	WP_010780840.1	8.7692
I592_00040	auxin efflux carrier	WP_010782250.1	8.6874
I592_00167	poly-beta-1%2C6 N-acetyl-D-glucosamine synthase	WP_010782123.1	8.6421
I592_02945	hypothetical protein	WP_010779473.1	8.5919
I592_03588	hypothetical protein	WP_010779222.1	8.2794
I592_02649	alkyl hydroperoxide reductase subunit C	WP_010779737.1	8.2064
I592_00162	hypothetical protein	WP_010782128.1	8.1115
I592_00989	2-dehydropantoate 2-reductase	WP_010781335.1	8.0668
I592_02549	ABC transporter ATP-binding protein	WP_010779837.1	7.9981
I592_03806	hypothetical protein	WP_010779004.1	7.8671
I592_00428	carbamate kinase	WP_010781878.1	7.7050
I592_03809	cof-like hydrolase	WP_010779001.1	7.6459
I592_02650	alkyl hydroperoxide reductase%2C F subunit	WP_010779736.1	7.4746
I592_02183	LPXTG-domain-containing protein cell wall anchor domain	WP_010780192.1	7.4070
I592_03808	8 glycosyltransferase	WP_010779002.1	6.9896
I592_00038	hypothetical protein	WP_010782252.1	6.9876
I592_02550	hypothetical protein	WP_010779836.1	6.7468
I592_03202	hypothetical protein	WP_010778696.1	6.7454
I592_03521	thiol reductant ABC exporter%2C CydC subunit	WP_010779289.1	6.7263
I592_03601	hypothetical protein	WP_010779209.1	6.6975
I592_03520	thiol reductant ABC exporter%2C CydD subunit	WP_010779290.1	6.6820
I592_03519	cytochrome d ubiquinol oxidase%2C subunit II	WP_010779291.1	6.6164
I592_03575	glycerol kinase	WP_010779235.1	6.5801
I592_02184	hypothetical protein	WP_010780191.1	6.5217

1592_02896	hypothetical protein	WP_010779522.1	6.4627
1592_03518	cytochrome d ubiquinol oxidase%2C subunit I	WP_010779292.1	6.4607
1592_00337	hypothetical protein	WP_010781967.1	6.4539
1592_03526	hypothetical protein	WP_010779284.1	6.4163
1592_02468	hypothetical protein	WP_010779916.1	6.3172
1592_02897	hypothetical protein	WP_010779521.1	6.2696
1592_02089	superoxide dismutase [Fe]	WP_010780284.1	6.1206
1592_02943	UDP-N-acetylglucosamine 2-epimerase	WP_010779475.1	6.0560
1592_03702	deoxyribodipyrimidine photolyase	WP_010779108.1	5.9932
1592_00185	large conductance mechanosensitive channel protein	WP_010782105.1	5.9665
1592_02938	hypothetical protein	WP_010779480.1	5.9374
1592_03609	hypothetical protein	WP_010779201.1	5.8860
1592_03587	hypothetical protein	WP_010779223.1	5.8788
1592_00988	general stress protein GlsB	WP_010781336.1	5.8590
1592_03556	hypothetical protein	WP_010779254.1	5.8414
1592_02307	NADH-flavin reductase	WP_010780072.1	5.8309
1592_01508	hypothetical protein	WP_010780833.1	5.7710
1592_02185	hypothetical protein	WP_010780190.1	5.7228
1592_00278	glutamate-cysteine ligase/gamma-glutamylcysteine synthetase	WP_010782024.1	5.6182
1592_00877	hypothetical protein	WP_010781445.1	5.5637
1592_03610	hypothetical protein	WP_010779200.1	5.5350
1592_00401	LPXTG-domain-containing protein cell wall anchor domain	WP_010781905.1	5.5309
1592_01500	hypothetical protein	WP_010780841.1	5.4808
1592_02564	metallo-beta-lactamase	WP_010779822.1	5.4745
1592_01750	hypothetical protein	WP_010780593.1	5.4695
1592_01388	hypothetical protein	WP_010780951.1	5.4159
1592_03302	hypothetical protein	WP_010778596.1	5.3702
1592_03911	hypothetical protein	WP_010778899.1	5.3313
1592_02947	hypothetical protein	WP_010779471.1	5.3211
1592_02648	LPXTG-domain-containing protein cell wall anchor domain	WP_010779738.1	5.3164
1592_02946	hypothetical protein	WP_010779472.1	5.2976
1592_00684	PTS system mannose/fructose/sorbose-specific IIB component	WP_010781630.1	5.2769
1592_02038	hypothetical protein	WP_010780331.1	5.2734
1592_01714	hypothetical protein	WP_010780629.1	5.2657
1592_01045	hypothetical protein	WP_010781282.1	5.2295
1592_03126	hypothetical protein	WP_010778773.1	5.2079
1592_02958	aspartate-alanine antiporter	WP_010779460.1	5.1284
1592_02944	hypothetical protein	WP_010779474.1	5.1282
1592_00120	hypothetical protein	WP_010782170.1	5.1171
1592_00453	myosin-crossreactive antigen	WP_010781853.1	5.0943
1592_01904	PTS system cellobiose-specific IIA componenent	WP_010780458.1	5.0921
1592_03828	hypothetical protein	WP_010778982.1	5.0832
1592_00466	peptide-methionine (S)-S-oxide reductase	WP_010781840.1	5.0681
1592_03571	dihydroxyacetone kinase%2C phosphotransfer subunit	WP_010779239.1	5.0356
1592_03807	hypothetical protein	WP_010779003.1	4.9201
1592_02078	hypothetical protein	WP_010780294.1	4.9008
1592_03488	hypothetical protein	WP_010779322.1	4.8735
1592_03326	hypothetical protein	WP_010778572.1	4.8291
1592_03083	hypothetical protein	WP_010778816.1	4.8279
1592_01445	phytoene desaturase	WP_010780895.1	4.8105
1592_03910	hypothetical protein	WP_010778900.1	4.7446
1592_02559	hypothetical protein	WP_010779827.1	4.7425
1592_01747	elongation factor Tu	WP_010780596.1	4.7320
1592_00354	short chain dehydrogenase/reductase family oxidoreductase	WP_010781952.1	4.7061
1592_02044	hypothetical protein	WP_010780325.1	4.7004
1592_03912	hypothetical protein	WP_010778898.1	4.6841
1592_00467	hypothetical protein	WP_010781839.1	4.6776
1592_03760	hypothetical protein	WP_010779050.1	4.6763
1592_02732	hypothetical protein	WP_010779654.1	4.6423
1592_00789	hypothetical protein	WP_010781529.1	4.6312
1592_03510	tryptophan synthase%2C alpha subunit	WP_010779300.1	4.6274
1592_00425	hypothetical protein	WP_010781881.1	4.6068
1592_03344	hypothetical protein	WP_010778554.1	4.5987
1592_01446	hypothetical protein	WP_010780894.1	4.5575
1592_01522	glyceraldehyde-3-phosphate dehydrogenase	WP_010780821.1	4.5561
1592_00043	pyruvate oxidase	WP_010782247.1	4.5416
1592_03311	hypothetical protein	WP_010778587.1	4.5386
1592_00852	hypothetical protein	WP_010781470.1	4.5066
1592_01905	transcriptional antiterminator bglG	WP_010780457.1	4.4867
1592_03573	dihydroxyacetone kinase%2C DhaK subunit	WP_010779237.1	4.4827
1592_03503	hypothetical protein	WP_010779307.1	4.4230
1592_00717	hypothetical protein	WP_010781599.1	4.3604
1592_03902	hypothetical protein	WP_010778908.1	4.3506
1592_03574	MIP family channel protein	WP_010779236.1	4.3480
1592_00347	8-amino-7-oxononanoate synthase	WP_010781959.1	4.3320
1592_01214	cytochrome P450	WP_010781123.1	4.3224
1592_01447	hypothetical protein	WP_010780893.1	4.3186
1592_00074	hypothetical protein	WP_010782216.1	4.2777
1592_02070	cyclopropane-fatty-acyl-phospholipid synthase	WP_010780300.1	4.2738
1592_03608	LPXTG-domain-containing protein cell wall anchor domain	WP_010779202.1	4.2680
1592_00851	hypothetical protein	WP_010781471.1	4.2403
1592_00405	hypothetical protein	WP_010781901.1	4.2332
1592_03576	alpha-glycerophosphate oxidase	WP_010779234.1	4.2219
1592_02469	hypothetical protein	WP_010779915.1	4.2061
1592_00408	hypothetical protein	WP_010781898.1	4.1844
1592_03084	hypothetical protein	WP_010778815.1	4.1808

1592_00413	pyridine nucleotide-disulfide oxidoreductase	WP_010781893.1	4.1605
1592_03757	hypothetical protein	WP_010779053.1	4.1325
1592_00790	apurinic endonuclease (APN1)	WP_010781528.1	4.1267
1592_00403	hypothetical protein	WP_010781903.1	4.1205
1592_03572	dihydroxyacetone kinase%2C L subunit	WP_010779238.1	4.1057
1592_00348	NAD-dependent nucleoside-diphosphate-sugar epimerase	WP_010781958.1	4.0943
1592_02092	hypothetical protein	WP_010780281.1	4.0896
1592_02934	hypothetical protein	WP_010779484.1	4.0865
1592_02935	hypothetical protein	WP_010779483.1	4.0852
1592_01531	hypothetical protein	WP_010780812.1	4.0654
1592_00407	hypothetical protein	WP_010781899.1	4.0175
1592_01915	hypothetical protein	WP_010780447.1	4.0062
1592_03345	hypothetical protein	WP_010778553.1	4.0008
1592_01719	hypothetical protein	WP_010780624.1	3.9970
1592_02959	aspartate 4-decarboxylase	WP_010779459.1	3.9967
1592_00426	hypothetical protein	WP_010781880.1	3.9792
1592_01751	ABC transporter permease	WP_010780592.1	3.9770
1592_01598	hypothetical protein	WP_010780745.1	3.9647
1592_02043	hypothetical protein	WP_010780326.1	3.9550
1592_03611	hypothetical protein	WP_010779199.1	3.9519
1592_03876	hypothetical protein	WP_010778934.1	3.9386
1592_02683	hypothetical protein	WP_010779703.1	3.8714
1592_00402	hypothetical protein	WP_010781904.1	3.8637
1592_02514	hypothetical protein	WP_010779872.1	3.8421
1592_03619	hypothetical protein	WP_010779191.1	3.8221
1592_00718	GNAT family acetyltransferase	WP_010781598.1	3.8002
1592_00991	N-acetylmuramic acid 6-phosphate etherase 2	WP_010781333.1	3.7832
1592_03920	hypothetical protein	WP_010778890.1	3.7829
1592_02682	hypothetical protein	WP_010779704.1	3.7707
1592_00170	hypothetical protein	WP_010782120.1	3.7682
1592_01489	nitroreductase	WP_010780852.1	3.7678
1592_00171	hypothetical protein	WP_010782119.1	3.7670
1592_01145	hypothetical protein	WP_010781188.1	3.7573
1592_02702	hypothetical protein	WP_010779684.1	3.7350
1592_03121	hypothetical protein	WP_010778778.1	3.7220
1592_02371	hypothetical protein	WP_010780011.1	3.7218
1592_01208	lactoylglutathione lyase	WP_010781129.1	3.7058
1592_00927	oxidoreductase%2C aldo/keto reductase	WP_010781395.1	3.7042
1592_01974	hypothetical protein	WP_010780394.1	3.6940
1592_03607	hypothetical protein	WP_010779203.1	3.6854
1592_00322	calcium-translocating P-type ATPase%2C PMCA-type	WP_010781980.1	3.6829
1592_00119	hypothetical protein	WP_010782171.1	3.6695
1592_01177	branched-chain amino acid transport system II carrier protein	WP_010781160.1	3.6398
1592_01748	hypothetical protein	WP_010780595.1	3.6194
1592_02572	hypothetical protein	WP_010779814.1	3.6163
1592_00415	hypothetical protein	WP_010781891.1	3.6069
1592_02680	hypothetical protein	WP_010779706.1	3.5665
1592_00400	hypothetical protein	WP_010781906.1	3.5273
1592_02179	electron transport complex%2C rnfabcde type%2C G subunit	WP_010780196.1	3.5124
1592_02612	membrane protein	WP_010779774.1	3.5073
1592_00414	hypothetical protein	WP_010781892.1	3.4984
1592_03921	hypothetical protein	WP_010778889.1	3.4924
1592_02681	hypothetical protein	WP_010779705.1	3.4728
1592_03904	hypothetical protein	WP_010778906.1	3.4618
1592_00399	hypothetical protein	WP_010781907.1	3.4509
1592_01480	hypothetical protein	WP_010780860.1	3.4489
1592_03903	YegS//BmrU family lipid kinase	WP_010778907.1	3.4247
1592_02872	hypothetical protein	WP_010779546.1	3.4093
1592_01597	hypothetical protein	WP_010780746.1	3.3989
1592_00878	major facilitator superfamily transporter	WP_010781444.1	3.3908
1592_02651	spx/MgsR family transcriptional regulator	WP_010779735.1	3.3820
1592_03046	glutathione-disulfide reductase	WP_010779371.1	3.3565
1592_00125	hypothetical protein	WP_010782165.1	3.3500
1592_02400	hypothetical protein	WP_010779982.1	3.3484
1592_00658	ferredoxin-NADP reductase	WP_010781652.1	3.3414
1592_02480	lipoyltransferase and lipoate-protein ligase	WP_010779904.1	3.3369
1592_00173	hypothetical protein	WP_010782117.1	3.3208
1592_00533	hypothetical protein	WP_010781773.1	3.3200
1592_01743	UvrABC system protein B	WP_010780600.1	3.3141
1592_01872	hypothetical protein	WP_010780490.1	3.3080
1592_03195	hypothetical protein	WP_010778703.1	3.2935
1592_02966	hypothetical protein	WP_010779452.1	3.2901
1592_01742	UvrABC system protein A	WP_010780601.1	3.2783
1592_02838	hypothetical protein	WP_010779580.1	3.2751
1592_01590	hypothetical protein	WP_010780753.1	3.2337
1592_00148	hypothetical protein	WP_010782142.1	3.2158
1592_00172	cation diffusion facilitator family transporter	WP_010782118.1	3.2108
1592_03697	hypothetical protein	WP_010779113.1	3.1788
1592_00218	hypothetical protein	WP_010782073.1	3.1672
1592_01428	hypothetical protein	WP_010780912.1	3.1654
1592_02942	hypothetical protein	WP_010779476.1	3.1463
1592_00206	hypothetical protein	WP_010782084.1	3.1292
1592_03603	hypothetical protein	WP_010779207.1	3.0792
1592_00509	hypothetical protein	WP_010781797.1	3.0628
1592_01591	ATP-dependent protease ATP-binding subunit ClpX	WP_010780752.1	3.0527
1592_01183	amidase	WP_010781154.1	3.0498

1592_01873	hypothetical protein	WP_010780489.1	3.0415
1592_00378	serine protease do-like htrA	WP_010781928.1	3.0354
1592_02077	ATP-dependent Clp protease ATP-binding subunit ClpE	WP_010780295.1	3.0256
1592_02936	hypothetical protein	WP_010779482.1	2.9978
1592_01793	hypothetical protein	WP_010780568.1	2.9709
1592_01681	zinc-binding alcohol dehydrogenase	WP_010780662.1	2.9604
1592_02792	chaperonin	WP_010779626.1	2.9547
1592_03665	ketose-bisphosphate aldolase	WP_010779145.1	2.9428
1592_03464	hypothetical protein	WP_010779346.1	2.9404
1592_01595	hypothetical protein	WP_010780748.1	2.9396
1592_00404	hypothetical protein	WP_010781902.1	2.9150
1592_02234	azoreductase	WP_010780142.1	2.8964
1592_02182	hypothetical protein	WP_010780193.1	2.8920
1592_02839	hypothetical protein	WP_010779579.1	2.8661
1592_01986	hypothetical protein	WP_010780382.1	2.8616
1592_00864	peptidase M13	WP_010781458.1	2.8560
1592_01690	formamidopyrimidine-DNA glycosylase	WP_010780653.1	2.8428
1592_01827	tagatose 1%2C6-diphosphate aldolase	WP_010780535.1	2.8374
1592_01846	PTS system ascorbate-specific transporter subunit IIB	WP_010780516.1	2.8337
1592_03522	hypothetical protein	WP_010779288.1	2.8114
1592_00478	hypothetical protein	WP_010781828.1	2.8046
1592_02367	ABC transporter ATP-binding protein	WP_010780015.1	2.7659
1592_02654	ABC transporter ATP-binding protein/permease	WP_010779732.1	2.7522
1592_02531	hypothetical protein	WP_010779855.1	2.7275
1592_00343	calcium-translocating P-type ATPase%2C PMCA-type	WP_010781963.1	2.7221
1592_01657	hypothetical protein	WP_010780686.1	2.7080
1592_03125	hypothetical protein	WP_010778774.1	2.7071
1592_03745	hypothetical protein	WP_010779065.1	2.7034
1592_01689	dephospho-CoA kinase	WP_010780654.1	2.7026
1592_03348	signal peptidase I	WP_010778550.1	2.6971
1592_02982	PTS system%2C Fru family%2C IIB component	WP_010779436.1	2.6892
1592_01700	sodium/dicarboxylate symporter family protein	WP_010780643.1	2.6882
1592_02132	aminopeptidase PepS	WP_010780241.1	2.6829
1592_00668	hypothetical protein	WP_010781646.1	2.6805
1592_00574	hypothetical protein	WP_010781732.1	2.6798
1592_00416	enolase 1	WP_010781890.1	2.6778
1592_00545	hypothetical protein	WP_010781761.1	2.6637
1592_00744	hypothetical protein	WP_010781574.1	2.6533
1592_03810	hypothetical protein	WP_010779000.1	2.6317
1592_00685	PTS system mannose/fructose/sorbose-specific IIC component	WP_010781629.1	2.6271
1592_03811	hypothetical protein	WP_010778999.1	2.6178
1592_03515	YegS//BmrU family lipid kinase	WP_010779295.1	2.5993
1592_00669	glyoxalase	WP_010781645.1	2.5958
1592_01718	hypothetical protein	WP_010780625.1	2.5952
1592_02655	ABC transporter ATP-binding protein/permease	WP_010779731.1	2.5946
1592_01544	hypothetical protein	WP_010780799.1	2.5907
1592_02611	dihydroorotase	WP_010779775.1	2.5902
1592_02369	oligopeptide ABC transporter%2C permease OppC	WP_010780013.1	2.5871
1592_02481	metallo-beta-lactamase	WP_010779903.1	2.5801
1592_03502	hypothetical protein	WP_010779308.1	2.5661
1592_02020	hypothetical protein	WP_010780348.1	2.5616
1592_00948	hypothetical protein	WP_010781374.1	2.5579
1592_01648	hypothetical protein	WP_010780695.1	2.5482
1592_03471	M3 family oligoendopeptidase	WP_010779339.1	2.4967
1592_02791	tRNA-dihydrouridine synthase	WP_010779627.1	2.4939
1592_02840	cobalamin biosynthesis protein CbiM	WP_010779578.1	2.4939
1592_01211	hypothetical protein	WP_010781126.1	2.4919
1592_02613	permease	WP_010779773.1	2.4854
1592_01874	hypothetical protein	WP_010780488.1	2.4841
1592_03117	hypothetical protein	WP_010778782.1	2.4799
1592_01437	hypothetical protein	WP_010780903.1	2.4785
1592_01074	redox-sensing transcriptional repressor rex 1	WP_010781253.1	2.4782
1592_02983	hypothetical protein	WP_010779435.1	2.4658
1592_00192	protein recA	WP_010782098.1	2.4601
1592_00095	L-ribulose-5-phosphate 4-epimerase	WP_010782195.1	2.4550
1592_04127	DNA topoisomerase III	WP_010782362.1	2.4481
1592_03337	hypothetical protein	WP_010778561.1	2.4468
1592_01015	hypothetical protein	WP_010781312.1	2.4444
1592_00720	hypothetical protein	WP_010781596.1	2.4435
1592_01493	transcriptional regulator	WP_010780848.1	2.4422
1592_00721	ribonuclease R	WP_010781595.1	2.4373
1592_00981	hypothetical protein	WP_010781343.1	2.4330
1592_03012	hypothetical protein	WP_010779406.1	2.4279
1592_01545	hypothetical protein	WP_010780798.1	2.4245
1592_00306	L-ribulose-5-phosphate 4-epimerase	WP_010781996.1	2.4212
1592_02716	hypothetical protein	WP_010779670.1	2.4106
1592_00947	hypothetical protein	WP_010781375.1	2.3947
1592_03579	DNA-binding response regulator	WP_010779231.1	2.3833
1592_00847	hypothetical protein	WP_010781475.1	2.3808
1592_00064	hypothetical protein	WP_010782226.1	2.3786
1592_00992	PTS system%2C glucose subfamily%2C IIA component	WP_010781332.1	2.3758
1592_01410	CoA-binding protein	WP_010780929.1	2.3706
1592_00691	hypothetical protein	WP_010781625.1	2.3601
1592_01513	30S ribosomal protein S14 1	WP_010780828.1	2.3513
1592_00962	YegS//BmrU family lipid kinase	WP_010781361.1	2.3485
1592_01554	cold shock protein	WP_010780789.1	2.3462

1592_01418	hypothetical protein	WP_010780921.1	2.3336
1592_02948	hypothetical protein	WP_010779470.1	2.3331
1592_01496	hypothetical protein	WP_010780845.1	2.3312
1592_00327	hypothetical protein	WP_010781975.1	2.3182
1592_00722	SsrA-binding protein	WP_010781594.1	2.3099
1592_01189	thioredoxin	WP_010781148.1	2.3089
1592_02217	hypothetical protein	WP_010780159.1	2.3041
1592_02226	hypothetical protein	WP_010780150.1	2.3013
1592_01210	HD protein	WP_010781127.1	2.2952
1592_00199	ABC transporter permease	WP_010782091.1	2.2945
1592_00854	membrane protein	WP_010781468.1	2.2927
1592_03330	hypothetical protein	WP_010778568.1	2.2855
1592_03279	hypothetical protein	WP_010778619.1	2.2835
1592_02878	glutamate-tRNA ligase	WP_010779540.1	2.2833
1592_00281	hypothetical protein	WP_010782021.1	2.2811
1592_03007	MazG nucleotide pyrophosphohydrolase	WP_010779411.1	2.2762
1592_02224	hypothetical protein	WP_010780152.1	2.2757
1592_03563	hypothetical protein	WP_010779247.1	2.2705
1592_02372	oligopeptide ABC transporter%2C binding protein	WP_010780010.1	2.2671
1592_03036	DNA protection during starvation protein 1	WP_010779381.1	2.2625
1592_01835	hypothetical protein	WP_010780527.1	2.2604
1592_02609	hypothetical protein	WP_010779777.1	2.2539
1592_03114	hypothetical protein	WP_010778785.1	2.2536
1592_02976	hypothetical protein	WP_010779442.1	2.2487
1592_03569	hypothetical protein	WP_010779241.1	2.2484
1592_02977	hypothetical protein	WP_010779441.1	2.2452
1592_01820	hypothetical protein	WP_010780542.1	2.2307
1592_02141	glucose-6-phosphate dehydrogenase	WP_010780233.1	2.2221
1592_00657	phosphatidylglycerophosphatase A	WP_010781653.1	2.2215
1592_02843	TIGR00268 family protein	WP_010779575.1	2.2186
1592_01573	hypothetical protein	WP_010780770.1	2.1946
1592_01429	N-acetylglucosamine-6-phosphate deacetylase	WP_010780911.1	2.1857
1592_02501	DNA polymerase IV	WP_010779883.1	2.1809
1592_02573	glutamyl aminopeptidase	WP_010779813.1	2.1800
1592_02865	MGT family glycosyltransferase	WP_010779553.1	2.1799
1592_03099	hypothetical protein	WP_010778800.1	2.1760
1592_03182	hypothetical protein	WP_010778717.1	2.1681
1592_01546	hypothetical protein	WP_010780797.1	2.1676
1592_01563	pyrR protein	WP_010780780.1	2.1596
1592_00518	hypothetical protein	WP_010781788.1	2.1585
1592_03454	hypothetical protein	WP_010779356.1	2.1556
1592_03800	cyclic lactone autoinducer peptide	WP_010779010.1	2.1478
1592_01990	hypothetical protein	WP_010780378.1	2.1434
1592_01972	flavin reductase	WP_010780396.1	2.1426
1592_03122	hypothetical protein	WP_010778777.1	2.1399
1592_01093	hypothetical protein	WP_010781235.1	2.1324
1592_01666	phosphoribosylformylglycinamide synthase%2C purS protein	WP_010780677.1	2.1319
1592_02368	oligopeptide/dipeptide ABC transporter%2C ATP-binding protein	WP_010780014.1	2.1288
1592_00134	hypothetical protein	WP_010782156.1	2.1282
1592_01075	hypothetical protein	WP_010781252.1	2.1258
1592_00500	hypothetical protein	WP_010781806.1	2.1245
1592_01180	hypothetical protein	WP_010781157.1	2.1226
1592_02616	PRD domain-containing protein	WP_010779770.1	2.1220
1592_02482	hypothetical protein	WP_010779902.1	2.1217
1592_00697	hypothetical protein	WP_010781619.1	2.1194
1592_00471	PTS system%2C glucitol/sorbitol-specific IIA component	WP_010781835.1	2.1188
1592_02991	hypothetical protein	WP_010779427.1	2.1139
1592_02975	hypothetical protein	WP_010779443.1	2.1132
1592_03473	hypothetical protein	WP_010779337.1	2.1087
1592_00219	ribosomal protein L25%2C Ctc-form	WP_010782072.1	2.1044
1592_03580	sensor histidine kinase KdpD	WP_010779230.1	2.1027
1592_02955	PTS system%2C lactose/cellobiose family IIC component	WP_010779463.1	2.0994
1592_01212	hypothetical protein	WP_010781125.1	2.0953
1592_03346	hypothetical protein	WP_010778552.1	2.0949
1592_02219	serine hydroxymethyltransferase	WP_010780157.1	2.0940
1592_03843	hypothetical protein	WP_010778967.1	2.0917
1592_00778	hypothetical protein	WP_010781540.1	2.0916
1592_00880	DNA topoisomerase III	WP_010781442.1	2.0914
1592_03013	tRNA-dihydrouridine synthase	WP_010779405.1	2.0913
1592_01565	aspartate carbamoyltransferase	WP_010780778.1	2.0889
1592_01525	hypothetical protein	WP_010780818.1	2.0823
1592_01564	uracil-xanthine permease	WP_010780779.1	2.0776
1592_03612	hypothetical protein	WP_010779198.1	2.0738
1592_00879	hypothetical protein	WP_010781443.1	2.0710
1592_01698	serine/threonine protein phosphatase 1	WP_010780645.1	2.0698
1592_00982	hypothetical protein	WP_010781342.1	2.0590
1592_02567	ATP-dependent Clp endopeptidase%2C proteolytic subunit ClpP	WP_010779819.1	2.0567
1592_00682	hypothetical protein	WP_010781632.1	2.0552
1592_01478	mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase	WP_010780862.1	2.0490
1592_02621	phospholipase/carboxylesterase	WP_010779765.1	2.0484
1592_02095	trk system potassium uptake protein TrkA	WP_010780278.1	2.0470
1592_01263	hypothetical protein	WP_010781075.1	2.0432
1592_01653	magnesium-translocating P-type ATPase	WP_010780690.1	2.0415
1592_02045	hypothetical protein	WP_010780324.1	2.0396
1592_03031	PTS system%2C Fru family%2C IIC component	WP_010779386.1	2.0371
1592_01865	hypothetical protein	WP_010780497.1	2.0370

1592_01752	threonine dehydratase	WP_010780591.1	2.0295
1592_03833	hypothetical protein	WP_010778977.1	2.0292
1592_00098	hypothetical protein	WP_010782192.1	2.0278
1592_00526	hypothetical protein	WP_010781780.1	2.0276
1592_00007	hypothetical protein	WP_010782280.1	2.0260
1592_03590	hypothetical protein	WP_010779220.1	2.0249
1592_01903	hypothetical protein	WP_010780459.1	2.0220
1592_00058	hypothetical protein	WP_010782232.1	2.0184
1592_02842	hypothetical protein	WP_010779576.1	2.0075
1592_00777	hypothetical protein	WP_010781541.1	2.0066
1592_00017	3-dehydroquinate dehydratase%2C type I	WP_010782270.1	2.0044
1592_00675	hypothetical protein	WP_010781639.1	2.0033
1592_02370	oligopeptide ABC transporter%2C membrane protein	WP_010780012.1	2.0006
1592_02192	hypothetical protein	WP_010780183.1	2.0004

Decreased (<0.5)

1592_03360	FMN-binding protein	WP_010778538.1	0.0273
1592_01460	hypothetical protein	WP_010780880.1	0.0283
1592_01462	hypothetical protein	WP_010780878.1	0.0336
1592_01463	hypothetical protein	WP_010780877.1	0.0350
1592_01459	hypothetical protein	WP_010780881.1	0.0373
1592_00326	aldehyde-alcohol dehydrogenase	WP_010781976.1	0.0508
1592_01461	hypothetical protein	WP_010780879.1	0.0508
1592_01465	hypothetical protein	WP_010780875.1	0.0552
1592_01464	hypothetical protein	WP_010780876.1	0.0631
1592_01468	hypothetical protein	WP_010780872.1	0.0660
1592_01466	hypothetical protein	WP_010780874.1	0.0760
1592_01467	transferase 2%2C rSAM/selenodomain-associated	WP_010780873.1	0.0781
1592_01676	alanine dehydrogenase	WP_010780667.1	0.0826
1592_03946	hypothetical protein	WP_010778865.1	0.0865
1592_03947	hypothetical protein	WP_010778864.1	0.0879
1592_03252	hypothetical protein	WP_010778646.1	0.0916
1592_03251	iron ABC transporter ATP-binding protein	WP_010778647.1	0.0922
1592_01469	transferase 1%2C rSAM/selenodomain-associated	WP_010780871.1	0.0928
1592_01675	threonine ammonia-lyase	WP_010780668.1	0.0962
1592_03359	pyridine nucleotide-disulfide oxidoreductase	WP_010778539.1	0.1029
1592_03914	hypothetical protein	WP_010778896.1	0.1039
1592_03945	hypothetical protein	WP_010778866.1	0.1061
1592_02381	hypothetical protein	WP_010780001.1	0.1068
1592_01471	hypothetical protein	WP_010780869.1	0.1141
1592_03253	iron ABC transporter system permease	WP_010778645.1	0.1143
1592_01470	hypothetical protein	WP_010780870.1	0.1177
1592_03943	selenium metabolism protein YedF	WP_010778868.1	0.1383
1592_00704	redox-sensing transcriptional repressor Rex	WP_010781612.1	0.1401
1592_03953	hypothetical protein	WP_010778859.1	0.1424
1592_03938	hypothetical protein	WP_010778873.1	0.1434
1592_03944	selenide%2C water dikinase	WP_010778867.1	0.1463
1592_02608	hypothetical protein	WP_010779778.1	0.1492
1592_03952	hypothetical protein	WP_010778860.1	0.1504
1592_02380	ferrous iron transporter B	WP_010780002.1	0.1549
1592_03951	hypothetical protein	WP_010741587.1	0.1587
1592_00349	amino acid permease	WP_010781957.1	0.1604
1592_03942	hypothetical protein	WP_010778869.1	0.1629
1592_03361	thiamine biosynthesis lipoprotein	WP_010778537.1	0.1630
1592_00523	hypothetical protein	WP_010781783.1	0.1645
1592_03939	L-seryl-tRNA selenium transferase	WP_010778872.1	0.1669
1592_03948	hypothetical protein	WP_010778863.1	0.1677
1592_03950	glycine/betaine/sarcosine/D-proline reductase family selenoprotein B	WP_010778861.1	0.1707
1592_03250	iron ABC transporter substrate-binding protein	WP_010778648.1	0.1708
1592_03940	cysteine desulfurase	WP_010778871.1	0.1721
1592_03362	hypothetical protein	WP_010778536.1	0.1725
1592_03949	D-proline reductase subunit gamma	WP_010778862.1	0.1727
1592_02499	anaerobic ribonucleoside-triphosphate reductase	WP_010779885.1	0.1738
1592_00145	hypothetical protein	WP_010782145.1	0.1786
1592_02500	anaerobic ribonucleoside-triphosphate reductase activating protein	WP_010779884.1	0.1792
1592_03941	selenocysteine-specific translation elongation factor	WP_010778870.1	0.1843
1592_03500	hypothetical protein	WP_010779310.1	0.1865
1592_00859	hypothetical protein	WP_010781463.1	0.1897
1592_00834	hypothetical protein	WP_010781488.1	0.1908
1592_00529	hypothetical protein	WP_010781777.1	0.1975
1592_03937	hypothetical protein	WP_010778874.1	0.2004
1592_03363	hypothetical protein	WP_010778535.1	0.2004
1592_01158	glutamine synthetase	WP_010781177.1	0.2035
1592_03285	hypothetical protein	WP_010778613.1	0.2117
1592_03596	hypothetical protein	WP_010779214.1	0.2127
1592_00898	hypothetical protein	WP_010781424.1	0.2238
1592_00528	YaeC family lipoprotein	WP_010781778.1	0.2243
1592_00857	hypothetical protein	WP_010781465.1	0.2336
1592_03501	formate/nitrite transporter	WP_010779309.1	0.2347
1592_04051	ABC transporter ATP-binding protein	WP_016250208.1	0.2398
1592_00440	LPXTG-domain-containing protein cell wall anchor domain	WP_010781866.1	0.2434
1592_00836	ABC transporter ATP-binding protein	WP_010781486.1	0.2534
1592_00015	hypothetical protein	WP_010782272.1	0.2569
1592_00835	hypothetical protein	WP_010781487.1	0.2607
1592_00531	hypothetical protein	WP_010781775.1	0.2623

1592_00895	PTS system%2C fructose subfamily%2C IIA component	WP_010781427.1	0.2640
1592_02956	hypothetical protein	WP_010779462.1	0.2654
1592_00169	hypothetical protein	WP_010782121.1	0.2674
1592_02618	hypothetical protein	WP_010779768.1	0.2680
1592_03634	hypothetical protein	WP_010779176.1	0.2688
1592_00530	hypothetical protein	WP_010781776.1	0.2694
1592_04076	hypothetical protein	WP_010782376.1	0.2770
1592_02517	ammonium transporter	WP_010779869.1	0.2776
1592_03220	hypothetical protein	WP_010778678.1	0.2789
1592_01729	glutamine-fructose-6-phosphate transaminase (isomerizing)	WP_010780614.1	0.2797
1592_02379	hypothetical protein	WP_010780003.1	0.2801
1592_03714	hypothetical protein	WP_010779096.1	0.2818
1592_00837	hypothetical protein	WP_010781485.1	0.2853
1592_03954	hypothetical protein	WP_010778858.1	0.2873
1592_03915	hypothetical protein	WP_010778895.1	0.2887
1592_03955	proline-specific peptidase	WP_010778857.1	0.2927
1592_01157	MerR family transcriptional regulator	WP_010744471.1	0.3002
1592_03715	TIGR00730 family protein	WP_010779095.1	0.3011
1592_03004	hydroxyethylthiazole kinase	WP_010779414.1	0.3154
1592_01762	tRNA-Leu	.	0.3177
1592_03859	PFL2/glycerol dehydratase family glycol radical enzyme	WP_010778951.1	0.3178
1592_00511	hypothetical protein	WP_010781795.1	0.3260
1592_02139	hypothetical protein	WP_010780235.1	0.3272
1592_03008	hypothetical protein	WP_010779410.1	0.3278
1592_02138	glutamate synthase%2C NADH/NADPH%2C small subunit	WP_010780236.1	0.3285
1592_02603	hypothetical protein	WP_010779783.1	0.3345
1592_00146	hypothetical protein	WP_010782144.1	0.3350
1592_02965	methionine gamma-lyase	WP_010779453.1	0.3374
1592_01629	ferredoxin-NADP(+) reductase subunit alpha	WP_010780714.1	0.3375
1592_03632	PTS system galactitol-specific transporter subunit IIC	WP_010779178.1	0.3385
1592_02931	S-ribosylhomocysteine lyase	WP_010779487.1	0.3420
1592_01628	glutamate synthase (NADPH)%2C homotetrameric	WP_010780715.1	0.3423
1592_03276	hypothetical protein	WP_010778622.1	0.3435
1592_01630	flavodoxin	WP_010780713.1	0.3455
1592_02933	cysteine synthase A	WP_010779485.1	0.3463
1592_03024	hypothetical protein	WP_016250201.1	0.3500
1592_01901	hypothetical protein	WP_010780461.1	0.3513
1592_02932	hypothetical protein	WP_010779486.1	0.3535
1592_00178	serine O-acetyltransferase	WP_010782112.1	0.3562
1592_00277	hypothetical protein	WP_010782025.1	0.3567
1592_03565	nicotinamide mononucleotide transporter PnuC	WP_010779245.1	0.3627
1592_03221	hypothetical protein	WP_010778677.1	0.3665
1592_01744	His/Glu/Gln/Arg/opine family amino ABC transporter%2C permease%2C 3-TM region	WP_010780599.1	0.3670
1592_03019	TIGR00268 family protein	WP_010779399.1	0.3679
1592_00858	shikimate 5-dehydrogenase	WP_010781464.1	0.3686
1592_03716	hypothetical protein	WP_010779094.1	0.3693
1592_03003	thiamine-phosphate pyrophosphorylase	WP_010779415.1	0.3715
1592_01745	amino acid ABC transporter ATP-binding protein	WP_010780598.1	0.3763
1592_03898	glycine betaine/L-proline transport ATP binding subunit	WP_010778912.1	0.3769
1592_00180	ribonuclease III	WP_010782110.1	0.3770
1592_03022	hypothetical protein	WP_016250199.1	0.3776
1592_03700	hypothetical protein	WP_010779110.1	0.3806
1592_00557	hypothetical protein	WP_010781749.1	0.3808
1592_00776	hypothetical protein	WP_010781542.1	0.3810
1592_03499	hypothetical protein	WP_010779311.1	0.3827
1592_00884	PTS system%2C lactose/cellobiose family IIB component	WP_010781438.1	0.3860
1592_03699	membrane protein	WP_010779111.1	0.3940
1592_03524	hypothetical protein	WP_010779286.1	0.3963
1592_02602	hypothetical protein	WP_010779784.1	0.3964
1592_03264	hypothetical protein	WP_010778634.1	0.3980
1592_01071	D-xylulose 5-phosphate/D-fructose 6-phosphate phosphoketolase	WP_010781256.1	0.3991
1592_03566	deoxynucleoside kinase	WP_010779244.1	0.4000
1592_00181	RNA methyltransferase%2C TrmH family%2C group 3	WP_010782109.1	0.4006
1592_03741	hypothetical protein	WP_010779069.1	0.4012
1592_02516	hypothetical protein	WP_010779870.1	0.4038
1592_03956	hypothetical protein	WP_010778856.1	0.4044
1592_02698	PTS system%2C beta-glucoside-specific IIBC component	WP_010779688.1	0.4053
1592_00412	hypothetical protein	WP_010781894.1	0.4065
1592_03023	ABC transporter ATP-binding protein	WP_016250200.1	0.4066
1592_00179	cysteinyI-tRNA synthetase	WP_010782111.1	0.4071
1592_04037	hypothetical protein	WP_010782314.1	0.4104
1592_04063	hypothetical protein	WP_010782321.1	0.4140
1592_01627	pyruvate:ferredoxin (flavodoxin) oxidoreductase	WP_010780716.1	0.4150
1592_01413	formate acetyltransferase	WP_010780926.1	0.4164
1592_00118	ribose uptake protein	WP_010782172.1	0.4180
1592_04074	hypothetical protein	WP_010782378.1	0.4191
1592_03967	hypothetical protein	WP_010778845.1	0.4210
1592_03897	glycine betaine/carnitine/choline ABC transporter permease	WP_010778913.1	0.4212
1592_01517	enoyl-ACP reductase	WP_010780824.1	0.4220
1592_03080	PTS system%2C beta-glucoside-specific IIBC component	WP_010778819.1	0.4223
1592_00092	hypothetical protein	WP_010782198.1	0.4250
1592_02859	hypothetical protein	WP_010779559.1	0.4253
1592_03463	hypothetical protein	WP_010779347.1	0.4270
1592_00314	hypothetical protein	WP_010781988.1	0.4281
1592_02903	short chain dehydrogenase/reductase family oxidoreductase	WP_010779515.1	0.4283
1592_03836	hypothetical protein	WP_010778974.1	0.4302

1592_03449	aspartate aminotransferase	WP_010779361.1	0.4308
1592_03891	hypothetical protein	WP_010778919.1	0.4327
1592_01625	heavy metal translocating P-type ATPase	WP_010780718.1	0.4337
1592_03172	hypothetical protein	WP_010778727.1	0.4351
1592_00901	23S rRNA methyltransferase	WP_010781421.1	0.4361
1592_01518	beta-hydroxyacyl-(acyl-carrier-protein) dehydratase FabZ	WP_010780823.1	0.4402
1592_02968	hypothetical protein	WP_010779450.1	0.4406
1592_00182	hypothetical protein	WP_010782108.1	0.4415
1592_03652	hypothetical protein	WP_010779158.1	0.4428
1592_03530	hypothetical protein	WP_010779280.1	0.4433
1592_02593	hypothetical protein	WP_010779793.1	0.4434
1592_03335	hypothetical protein	WP_010778563.1	0.4437
1592_03076	hypothetical protein	WP_010778823.1	0.4438
1592_03093	hypothetical protein	WP_010778806.1	0.4486
1592_00820	hypothetical protein	WP_010781501.1	0.4514
1592_03671	hypothetical protein	WP_010779139.1	0.4532
1592_04078	glycosyltransferase	WP_001083514.1	0.4548
1592_01138	hypothetical protein	WP_016250187.1	0.4556
1592_00849	hypothetical protein	WP_010781473.1	0.4558
1592_03740	hypothetical protein	WP_010779070.1	0.4565
1592_00147	hypothetical protein	WP_010782143.1	0.4570
1592_01473	hypothetical protein	WP_010780867.1	0.4584
1592_00059	hypothetical protein	WP_010782231.1	0.4597
1592_00077	hypothetical protein	WP_010782213.1	0.4601
1592_02194	hypothetical protein	WP_010780181.1	0.4603
1592_03677	hypothetical protein	WP_010779133.1	0.4608
1592_03446	hypothetical protein	WP_010779364.1	0.4609
1592_00738	hypothetical protein	WP_010781578.1	0.4627
1592_02060	acetyl-coenzyme A carboxylase carboxyl transferase subunit beta	WP_010780309.1	0.4641
1592_00116	ribokinase	WP_010782174.1	0.4643
1592_02891	basic membrane lipoprotein	WP_010779527.1	0.4669
1592_03265	hypothetical protein	WP_010778633.1	0.4671
1592_01667	phosphoribosylaminoimidazolesuccinocarboxamide synthase	WP_010780676.1	0.4675
1592_02059	acetyl-coenzyme A carboxylase carboxyl transferase subunit alpha	WP_010780310.1	0.4686
1592_02560	fructose-6-phosphate aldolase	WP_010779826.1	0.4701
1592_04036	hypothetical protein	WP_010782315.1	0.4719
1592_01575	hypothetical protein	WP_010780768.1	0.4721
1592_03795	hypothetical protein	WP_010779015.1	0.4725
1592_00894	hypothetical protein	WP_010781428.1	0.4745
1592_03739	cell surface protein	WP_010779071.1	0.4766
1592_01664	phosphoribosylformylglycinamide synthase 2	WP_010780679.1	0.4767
1592_02851	hypothetical protein	WP_010779567.1	0.4768
1592_02899	PTS system%2C mannose/fructose/sorbose family%2C IID component	WP_010779519.1	0.4777
1592_03718	hypothetical protein	WP_010779092.1	0.4787
1592_02644	hypothetical protein	WP_010779742.1	0.4791
1592_03892	hypothetical protein	WP_010778918.1	0.4792
1592_03959	hypothetical protein	WP_010778853.1	0.4796
1592_03030	PTS system%2C fructose subfamily%2C IIA component	WP_010779387.1	0.4800
1592_03884	hypothetical protein	WP_010778926.1	0.4808
1592_00861	hydantoinase/oxoprolinase	WP_010781461.1	0.4834
1592_01268	hypothetical protein	WP_010781071.1	0.4855
1592_03175	hypothetical protein	WP_010778724.1	0.4897
1592_03027	argininosuccinate synthase	WP_010779390.1	0.4903
1592_02962	hypothetical protein	WP_010779456.1	0.4908
1592_02063	acetyl-CoA carboxylase%2C biotin carboxyl carrier protein	WP_010780306.1	0.4913
1592_00513	hypothetical protein	WP_010781793.1	0.4937
1592_02033	hypothetical protein	WP_010780335.1	0.4939
1592_00152	hypothetical protein	WP_010782138.1	0.4943
1592_03633	PTS system galactitol-specific transporter subunit IIB	WP_010779177.1	0.4959
1592_00101	hypothetical protein	WP_010782189.1	0.4966
1592_03701	glutamate 5-kinase	WP_010779109.1	0.4967
1592_03098	hypothetical protein	WP_010778801.1	0.4979
1592_00745	TetR family transcriptional regulator	WP_010781573.1	0.4986
1592_04080	hypothetical protein	WP_010782373.1	0.4993
1592_01456	hypothetical protein	WP_010780884.1	0.4993
1592_03854	hypothetical protein	WP_010778956.1	0.4997
1592_00781	trehalose operon repressor	WP_010781537.1	0.4998